

Safety Article of the Month

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Motorcycle Deceleration Light Systems

Conspicuity has long been a concern of safety-oriented motorcyclists. There are many circumstances that may lead to a vehicle rapidly slowing down; braking is just one of them. Sudden mechanical failure, running out of fuel, collision, downshifting or simply rolling off the throttle can catch the following traffic unaware – even more so if those coming from behind fail to keep a safe distance or are distracted. Motorcycle Deceleration Light Systems provide a means to alert drivers that the motorcycle is slowing down.

Skene P3 Lights

The P3 with Decelerometer system is compatible with all motorcycle makes and models including those with CAN-bus systems. The controller offers five deceleration sensitivity levels allowing one to adjust to the motorcycle, riding style and conditions. No additional software, cables, or wiring is required. The system includes an additional safety feature called the Tip Over Flasher. The price is ~\$170.



Skene P3 Lights.

GearBrake Brake Module

The GearBrake module is a separate unit that mounts out of sight on the motorcycle, and upon sensing deceleration, activates, the brake light on the motorcycle. GearBrake provide two wiring options; via the existing brake light, or to a separate auxiliary brake light. The price is ~\$70.



GearBrake Brake Module

Stoptix Automatic Brake Lamp

Stoptix includes an electronic circuit contained within the light bulb which includes the deceleration sensor, an LED light and its own power source. It is designed to simply plug in to the standard-sized brake/tail socket found on many motorcycles. This means that installing this device is as simple as installing a replacement brake lamp or turn signal. No wire splicing or any other kind of work is required. The price is ~\$60.



Stoptix Automatic Brake Lamp .

Vololights Brakeless Deceleration Indicator

Vololights employs a 3-axis accelerometer combined with a microprocessor to detect deceleration via any means – be it engine braking, downshifting or brakes. The Vololights plate system is self-contained within a license plate frame that will fit 47 of the 50 United States' tags. Vololights is designed to be installed without special tools. The price is ~\$130.



Vololights Deceleration Indicator.

Bike Alert System

The BikeALERT System incorporates "patented G Force Motion Activated Technology." BikeALERT mounts out of sight on the motorcycle. Upon detecting deceleration, the BikeALERT flashes either lights already mounted on your motorcycle or one of the company's accessory LED lights. BikeALERT is an auxiliary means of attracting attention to the bike's deceleration, giving following drivers an additional warning when the brake is actually applied. The price is ~\$110.

ST2 Brake Module

Smart Brake Module flashes the brake light when engine braking and down-shifting to warn drivers behind. It has advanced motion sensors and special algorithm that recognizes deceleration in the bike. It can be configured between two modes - flashing or steady brake light when deceleration force is detected. It is compatible with all motorcycles, older and newer, with LEDs or incandescent bulbs. The price is ~\$80.



Bike Alert System.



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